



PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number  
10/788,743Filing Date  
February 25, 2004First Named Inventor  
Douglas W. AkersArt Unit  
3641Examiner Name  
R. PalabricaAttorney Docket Number  
B-200**ENCLOSURES (Check all that apply)**

- |   |   |   |
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| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                            |
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| <input checked="" type="checkbox"/> Amendment/Reply                       | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
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Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Battelle Energy Alliance, LLC		
Signature			
Printed name	Alan D. Kirsch		
Date	8/4/05	Reg. No.	33,720

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

AKERS, Douglas, W.

Serial No.: 10/788,743

Filed: February 25, 2004

For: METHOD FOR ON-LINE  
EVALUATION OF MATERIALS USING  
PROMPT GAMMA RAY ANALYSIS

Examiner: Palabrica, R.

Group Art Unit: 3641

Attorney Docket No.: B-200

CERTIFICATE OF MAILING

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8/8/05  
Date

Signature

Janine Hall

Name (Type/Print)

AMENDMENT UNDER 37 C.F.R. §§ 1.111 & 1.121

To: The Commissioner for Patents  
P.O. Box 1450  
Mail Stop Amendment  
Alexandria, VA 22313-1450

Sir:

In response to the office action, dated May 10, 2005, please amend the above-referenced patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.